

## 演講內容大綱與講者簡介

### Topic (1) 物理應用科學的研究現況與未來

Speaker: Dr. Ning Ning/ Thomson Reuters

演講內容簡介:

- 現況: 全球 VS 台灣的物理應用科學的發展分析
  1. 近五年全球&台灣的物理應用科學之論文發表狀況? (by 科系的論文發表數量? 亞洲區的論文發表數量排名?)
  2. 以物理科學及材料科學為例, 全球 VS 亞洲 VS 台灣的前 5 大熱門研究議題各為何?
- 未來: “2025 年十大創新預測”

演講人簡介:



甯寧博士  
智慧財產與科學部門解決方案顧問  
湯森路透

甯寧博士目前任職於新加坡湯森路透公司，擔任科學與學術研究的解決方案顧問。他時常與東南亞國協(ASEAN) 及北亞地區的學術界與政府部門交流，並和這些單位建立了密切的合作關係。甯寧也代表湯森路透出席許多重要的研討會活動，傳授最佳的研究實務，以及日常工作流程的解決方案。

甯寧從事跨領域研究已超過九年，主要專長為電路與系統、材料與裝置、計算神經科學等，並在國際同儕審查期刊及會議論文中發表三十多篇著作。加入湯森路透前，甯寧在新加坡科技研究局(A\*STAR) 擔任研究計畫主持人，於此之前，則在新加坡國立大學擔任研究員。

甯寧擁有新加坡國立大學博士學位，以及中國華中科技大學電子與資訊工程理學士學位。

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### Topic (2) 論文投稿與出版

Speaker: Dr Ceri-Wyn Thomas, Associate Publisher for IOP Publishing

演講內容簡介

Part I. An introduction to the Institute of Physics and IOP Publishing

Including:

- Introduction to The Institute of Physics
- Introduction to IOP Publishing

Part II. The changing face of academic publishing: updates from the front line

Including:

- How do we manage peer review in IOPP journals
- An introduction to copyright in scholarly publishing
- Publishing ethics

Part III. The IOP Materials Collection and how it can serve you

Including:

- An introduction to our new materials journals
- The IOP Materials Collection and other titles
- How IOP Materials can serve your needs

演講人簡介:



Dr Ceri-Wyn Thomas

**Associate Publisher** for IOP Publishing, Bristol, managing two new journals; 2D Materials and Materials Research Express.

#### Current Position

**Associate Publisher** for IOP Publishing, Bristol, managing two new journals; 2D Materials and Materials Research Express.

#### Qualifications

**PhD** Decoding the fossil record of early Metazoan development (2012)

**MSc Palaeobiology**, University of Bristol (2006)

**BSc (HONS) Geology**: 1<sup>st</sup> class, University of Cardiff (2005)

#### Previous Employment

**2006-2010: PhD researcher with teaching and undergraduate demonstrating**: Full time researcher with over 120 hours of laboratory and field demonstration to geology undergraduate students.

#### Key Skills and Experience

- Peer-review management
- Report writing and copy-editing
- Pre-refereeing
- Networking

- Presentation delivery
- Written communication
- Scientific research

### **Publishing courses attended**

**2010** 'Writing effective emails'

**2011** 'Introduction to journals publishing'

'Effective journal editorial management'

'Journal development'

'An introduction to Web 2.0 social media'

**2013** 'An introduction to individual work management'

**2014** Presentation skills training

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